



PSYCHE.

ORGAN OF THE CAMBRIDGE ENTOMOLOGICAL CLUB.

EDITED BY B. PICKMAN MANN.

Vol. I.] Cambridge, Mass., December, 1874. [No. 8.

List of Sphingidae taken about Newton, Mass.

I have taken the following species of Sphingidae in Newton or Newtonville during the years 1872, 1873 and 1874. The names are those of Mr. Grote's Catalogue in the Bulletin of the Buffalo Society of Natural Sciences, vol. i, p. 17-28. A list of the principal attractions of the moths, as far as known, is added. The references in heavy type indicate especial attractions.

Hemaris diffinis. May 28 - June 15. Not common. **C, E.**

Haemorrhagia gracilis. May 20 - June 11; July 19 - 29.
Not common. **B, C, D.**

H. Thysbe. June 7 - 13. Very common. **C, D, E.**

Aellopos Titan. July 13. But one specimen. **F.**

Thyreus Abbotii. May 29 - June 8. Common. **B, D, G.**

Amphion Nessus. May 28 - June 15. Rare. **B, C, D, E, G.**

Deilephila Chamaenerii. June 10 - July 20. Not common. **A, B, C, D, F.**

D. lineata. June 10 - 19, Sept. 7. Not common. **A, B, H.**

Dupo vitis. June 10 and 16. But two specimens. **B.**

Philampelus Pandorus. July 11 - 20. Rare. **A.**

P. Achemon. July 13 - 18. Rarer. **A.**

Metopsilus Tersa. August 19. But one specimen. **H.**

Darapsa Choerilus. June 10 - July 20. Common. **A, B, C, L.**

D. versicolor. July 2, 14 and 18. But three specimens. **A.**

D. Myron. June 19 - July 3. Common. **L.**

Paonias excaecatus. June 5 - July 2. Common. **L.**

P. myops. July 14 - 16. Rare. **L.**

Calasymphilus Astylus. July 8 and 10. But two specimens. **L.**

Smerinthus geminatus. Aug. 1 - 5. Rare. **L.**

Laothoe modesta. I have raised but one pair, from a larva and a pupa.

- Cressonia juglandis*. July 25 - 29. Rather rare. L.
Ceratonia Amyntor. June 20 - July 9. Common. L.
Daremma undulosa. June 14 - July 2. Not common. L.
Macrosila Carolina. July 7 - 25. Not common. A.
M. Celeus. July 7 - 29. Very common. A, L.
M. cingulata Clem. July 17. But one specimen. L.
Sphinx drupiferarum. June 3 - July 19. Very common.
 A, B, C, D, L.
S. kalmiae. June 3 - July 19. Common. A, B, C, L.
S. Chersis. June 3 - July 19. Common. A, B, C, L.
Lethia Gordius. June 3 - July 19. Very common. A, B, C, D.
L. luscitiosa. July 2 - 13. Rare. A.
Dolba Hylaeus. June 9 - July 20. Common. A, B, C.
Ellema Harrisii. June 18 - July 11. Rare. L.
 A. White Swamp-Honeysuckle (*Azalea viscosa* L.).
 B. White Honeysuckle (*Lonicera Caprifolium* L.).
 C. Wild Pink (*Silene Pennsylvanica* Michx.).
 D. Sweet Rocket (*Hesperis matronalis* L.).
 E. Rhodora (*Rhodora Canadensis* L.).
 F. Larkspur (*Delphinium azureum* Michx.).
 G. Persian Lilac (*Syringa Persica* Willd.).
 H. Dwarf Phlox (*Phlox Drummondii* Hook.).
 L. Lamp-light. Roland Thaxter.

ON THE OCCURRENCE OF COCHINEAL IN THE NORTHERN UNITED STATES. — In the northwestern part of Nebraska and the adjacent part of Dakota, are large areas thickly covered with several species of Cactaceae, on which I was surprised to find Cochineal in considerable quantities. As red paint is a favorite article of use among the Indians, I inquired of several men who were familiar with the Indians of the plains, both Sioux and Pawnees, if the Indians made use of the cochineal, but none of them had ever seen or heard of its use.

At that time the fact of the occurrence of this insect in such high latitudes was quite new to me, nor have I since seen any statement in print of its occurrence in the United States, except in Southern California, though I have learned from collectors that it is not uncommon in Kansas and southwards. I have therefore thought a brief notice of the fact might be acceptable.

The occurrence of this insect in such a region suggests a possible industry at some future time, when the Great West shall be settled up, as in this region very little can be cultivated, and if cochineal can be produced it may be worth trying.

E. P. Austin.